



PANEL CUTOUT

TECHNICAL DATA:

CONTACT ϕ : 1.5mm
 RATED VOLTAGE: 63V AC/DC
 RATED CURRENT: SEE TAB.1 / TAB.2
 OVERVOLTAGE CATEGORIE: 3
 POLLUTION DEGREE: 3
 DIELECTRIC STRENGTH: 1500V
 CONTACT RESITANCE: $\leq 5m\Omega$
 INSULATION RESISTANCE: MIN: $10^8 \Omega$

IP RATING: IP67 (connected condition)
 TEMPERATURE RANGE: -25°C bis +85°C

PACKAGING:
 THE RECEPTACLE ARE PACKED IN PLASTIC BAGS
 AND DELIVERED IN CARTON BOXES

TABLE 1: CABLE LENGTH

NOMINAL SECTION 1,5mm²

MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020014	LRP5U24L15M005	REC M12 5P LC FE M16 FM 0.5M WIR 1.5	500	+40	12
1205020015	LRP5U24L15M002	REC M12 5P LC FE M16 FM 0.2M WIR 1.5	200	+40	12
1205020040	LRP5U24L15M010	REC M12 5P LC FE M16 FM 1.0M WIR 1.5	1000	+40	12
1205020041	LRP5U24L15M020	REC M12 5P LC FE M16 FM 2.0M WIR 1.5	2000	+60	12

TABLE 2: CABLE LENGTH

NOMINAL SECTION 2,5mm²

MATERIAL NO.	ENG. NO.	DESCRIPTION	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020024	LRP5U24L25M005	REC M12 5P LC FE M16 FM 0.5M WIR 2.5	500	+40	16
1205020025	LRP5U24L25M002	REC M12 5P LC FE M16 FM 0.2M WIR 2.5	200	+40	16
1205020044	LRP5U24L25M010	REC M12 5P LC FE M16 FM 1.0M WIR 2.5	1000	+40	16
1205020045	LRP5U24L25M020	REC M12 5P LC FE M16 FM 2.0M WIR 2.5	2000	+60	16

TABLE 3: BOM

POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16FE	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	CONTACT 15 FE	BRASS	Au
4	INSERT	PA	GREY
5	O-RING	NBR	BLACK
6	O-RING	FPM	BLACK
7	WIRE 16AWG / 14AWG	PVC	-
8	POTTING MATERIAL	RESIN	NATURAL
9	HEX NUT	BRASS	Ni

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	CURRENT REV DESC:		
$\nabla_A = 0$	mm	4:1	EC NO: 735108		REC M12 5P LC FE M16 FM XM WIR
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: NFRITZEN		
$\nabla_F = 0$	ANGULAR TOL $\pm 1.0^\circ$		2022/05/04		
DIVISIONAL SYMBOLS	4 PLACES \pm		CHK'D: RSILLER		PRODUCT CUSTOMER DRAWING
	3 PLACES \pm		APPR: RSILLER		
	2 PLACES ± 0.05		2023/01/17		
	1 PLACE ± 0.3		INITIAL REVISION:		
	0 PLACES ± 0.5		DRWN: SMORADICHARG		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2022/05/04		DOCUMENT NUMBER
	THIRD ANGLE PROJECTION		SERIES		1205020014
	DRAWING		MATERIAL NUMBER		PSD 000 A1
	A3-SIZE		CUSTOMER		1 OF 1
	120502		SHEET NUMBER		